

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
Jg-3141-PCT	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)	
International application No.	11/06/2004	12/06/2003	
PCT/GB2004/002535			
Applicant			
SOUTHAMPTON PHOTONICS LTD			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the International application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

## 4. With regard to the title,

- ☐ the text is approved as submitted by the applicant.
- ☒ the text has been established by this Authority to read as follows:

OPTICAL APPARATUS, COMPRISING A BRIGHTNESS CONVERTER, FOR PROVIDING OPTICAL RADIATION

## 5. With regard to the abstract,

- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. With regards to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1
- ☒ as suggested by the applicant.
- ☐ as selected by this Authority, because the applicant failed to suggest a figure.
- ☐ as selected by this Authority, because this figure better characterizes the invention.
- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 H01S3/063 H01S3/067		International Application No PCT/GB2004/002535
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01S		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 324 326 B1 (DEJNEKA MATTHEW J ET AL) 27 November 2001 (2001-11-27) abstract column 2, lines 5,6 column 3, line 44 - column 4, line 7 column 5, line 63 - column 6, line 53 column 8, lines 27-42 column 10, lines 15-62; figures 2-7 column 10, line 65 - column 11, line 1 column 11, lines 17-28 column 4, lines 4-7	1
X	US 2003/063629 A1 (DEJNEKA MATTHEW J ET AL) 3 April 2003 (2003-04-03) page 14, paragraph 144 - page 15, paragraph 148; figure 16	1
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art *8* document member of the same patent family		
Date of the actual completion of the international search 5 October 2004		Date of mailing of the international search report 14/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 cpo nl, Fax (+31-70) 340-3016		Authorized officer Cortona, A

BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		International Application No PCT/GB2004/002535
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 2003/210725 A1 (PRASSAS MICHEL ET AL) 13 November 2003 (2003-11-13) figure 1	1
P,X	US 6 587 496 B1 (AUSTIN WILLIAM ET AL) 1 July 2003 (2003-07-01) abstract column 2, lines 17-40 column 4, line 25 - column 5, line 64; figure 2	1

BEST AVAILABLE COPY

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/002535

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6324326	B1	27-11-2001	NONE	
US 2003063629	A1	03-04-2003	EP 1430572 A1 TW 571133 B WO 03041231 A1 US 2003210725 A1	23-06-2004 11-01-2004 15-05-2003 13-11-2003
US 2003210725	A1	13-11-2003	US 2003063629 A1 US 2002159736 A1 EP 1430572 A1 TW 571133 B WO 03041231 A1 EP 1246321 A2	03-04-2003 31-10-2002 23-06-2004 11-01-2004 15-05-2003 02-10-2002
US 6587496	B1	01-07-2003	NONE	